

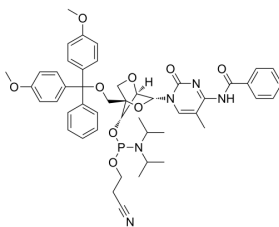
## DMT-locMeC(bz) phosphoramidite

|                |                                                                                                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:      | HY-49000                                                                                                                                                                                            |
| CAS No.:       | 206055-82-5                                                                                                                                                                                         |
| Batch No.:     | 314373                                                                                                                                                                                              |
| Chemical Name: | Benzamide, N-[1-[2,5-anhydro-5-O-[bis(4-methoxyphenyl)phenylmethyl]-3-O-[[bis(1-methylethyl)amino]](2-cyanoethoxy)phosphino]- $\alpha$ -L-lyxofuranosyl]-1,2-dihydro-5-methyl-2-oxo-4-pyrimidinyl]- |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------|
| Molecular Formula: | C <sub>48</sub> H <sub>54</sub> N <sub>5</sub> O <sub>9</sub> P                                      |
| Molecular Weight:  | 875.94                                                                                               |
| Storage:           | 4°C, stored under nitrogen<br>* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen) |

### Chemical Structure:



### ANALYTICAL DATA

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| Appearance:                  | White to off-white (Solid)                                              |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure                                               |
| Purity (NMR):                | ≥95.0%                                                                  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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